

Shg 27/12

Work Order ID 77706

77706

Page 1

December-19-11 8:19:58 AM

Item ID: DSI 9495-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Reinforced Back Frame

Start Date: 19/12/2011 Start Qty: 1.00

1

Cust Item ID:

Required Date: 28/12/2011 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: M.L.J

Date: 11/12/19

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9495

A

100

100

DC

Document Control

DOCUMENT CONTROL

0.00

Memo

0.00

Photocopy bluefile & type labels per PPP DSI 9495-011

CHG001

5.11/12/21

For M.L.J 11-12-21
①

110

110

Packaging

Packaging

Pick Kit

0.00

Memo

0.00

11/12/21

120

120

QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

Memo

0.00

5.11/12/21

②

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP DSI 9495-011								
	Location: _____								
	PPP Rev: <u>A</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MF
11-12-21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

December-19-11 8:20:02 AM

77706

DSI 9495-011

Start Date: 19/12/2011

Required Date: 28/12/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: new issue DD 10.02.08 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3017-041		Manufactured	No			110	Each	0.0000	1	1			
D3017-041													
Back Frame Assembly													
D3023-1		Manufactured	No			110	Each	2.0000	1	1			
D3023-1													
Back Panel													
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				GA			2						
					76360		2						
MS20600-AD4W2		Purchased	No			110	Each	193.0000	40	40			
MS20600-AD4W2													
Rivet													
				<u>Location</u>			<u>Loc Qty</u>			<u>Loc Code</u>			
				ST321			193						
					116391		5						
					116471		4						
					116805		4						
					117601		1						
					117885		10						
					<u>118354</u>		69						
					119638		100						

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December-19-11 8:20:02 AM

Work Order ID: 77706

77706

Parent Item: DSI 9495-011

DSI 9495-011

Parent Item Name: Reinforced Back Frame

Start Date: 19/12/2011

Required Date: 28/12/2011

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W3

Purchased

No

110

Each

1,189.000

6

6

MS20600-AD4W3

Cherry Rivets

**

6

Location

Loc Qty

Loc Code

ST321

1056

111636

36

117505

121

117601

35

118626

864

WA018

133

107939

133

MS21042L3

Purchased

No

110

Each

7,008.000

2

2

MS21042L3

Nut

**

2

Location

Loc Qty

Loc Code

ST300

7008

117441

16

117885

32

118451

5

118927

3

119017

5994

119075

958

MS21042L4

Purchased

No

110

Each

9,264.000

6

6

MS21042L4

Nut

**

6

Location

Loc Qty

Loc Code

ST300

9264

117441

51

117601

342

118451

133

119017

3738

119075

5000

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

December-19-11 8:20:02 AM

Work Order ID: 77706

77706

Parent Item: DSI 9495-011

DSI 9495-011

Parent Item Name: Reinforced Back Frame

Start Date: 19/12/2011

Required Date: 28/12/2011

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-17

Purchased

No

110

Each

49.0000

2

2

MS27039-1-17

Screw

**

Location

Loc Qty

Loc Code

ST291

49

117591

49

MS27039-4-21

Purchased

No

110

Each

47.0000

6

6

MS27039-4-21

Screw

**

Location

Loc Qty

Loc Code

ST292

47

114055

1

117977

10

118429

36

NAS1149D0332J

Purchased

No

110

Each

2,597.000

2

2

NAS1149D0332.J

Washer

**

Location

Loc Qty

Loc Code

ST298

2597

105793

12

110985

4

117087

89

118384

492

119042

1000

119717

1000

NAS1149D0432J

Purchased

No

110

Each

195.0000

6

6

NAS1149D0432.J

WASHER

**

Location

Loc Qty

Loc Code

ST298

195

116583

151

116584

44

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-689 REV 0

REF TCCA STC: SH02-33
REF FAA STC: SR01620NY
REF EASA STC: EASA.IM.R.S.01453
REF BRAZILIAN STC: 2005S03-09

REFERENCE ONLY

PURPOSE:

TO PROVIDE REWORK INSTRUCTIONS TO INSTALL DSI-9495-011 REINFORCED BACK FRAME KIT. THESE INSTRUCTIONS ARE APPLICABLE TO D350-689-011 AT CHANGE 002, D350-689-021 AT CHANGE 001, D350-689-041 AT CHANGE 001 AND D350-689-043 AT CHANGE 001 OR EARLIER CHANGE NUMBER.

CHANGE:

REPLACE EXISTING BACK ASSEMBLY WITH DSI 9495-011 REINFORCED BACK FRAME KIT.

PARTS LIST:

Qty -011	Part Number	Description
X	DSI-9495-011	REINFORCED BACK FRAME KIT
1	D3017-041	BACK FRAME ASSEMBLY
1	D3023-1	BACK PANEL
2	NAS1149D0332J	WASHER (OR AN960JD10L)
6	NAS1149D0432J	WASHER (OR AN960JD416)
40	MS20600AD4W2	RIVET
6	MS20600AD4W3	RIVET (REF DSI 9349)
2	MS27039-1-17	SCREW
6	MS27039-4-21	SCREW
2	MS21042L3	NUT (OR MS21042-3)
6	MS21042L4	NUT (OR MS21042-4)

INSTRUCTIONS:

1. REMOVE LAP BELT AND HARNESS (IF APPLICABLE).
2. REMOVE EXISTING D3017-041 BACK FRAME ASSY.
3. INSTALL PROVIDED D3017-041 BACK FRAME ASSEMBLY WITH ATTACHED PARTS USING ORIGINAL HARDWARE ON EITHER SIDE OF THE CENTER TUBE.
4. TRANSFER Ø0.257" HOLES (SEE SHEET 2 OF THIS SERVICE INSTRUCTION FOR REFERENCE, 6 PLACES) USING THE BACK FRAME ASSEMBLY AS A TEMPLATE TO OPEN UP THE HOLES IN THE SEAT FRAME ASSEMBLY.
5. REMOVE NEW BACK FRAME ASSEMBLY.
6. REMOVE BURRS AND SHARP EDGES. TOUCH UP PER ICA-D350-689 CHAPTER 5.2 SECTION 8 AS REQUIRED.
7. REINSTALL PROVIDED BACK FRAME ASSEMBLY WITH ATTACHED BACK PANEL USING THE HARDWARE PROVIDED PER FIGURE 1 (SHEET 2).
8. REMOVE FROM OLD BACK ASSEMBLY:
D3031-1 LOOP AND HARDWARE (2 PLACES) AND TRANSFER TO NEW BACK ASSEMBLY.
D3024-1 SPACER AND HARDWARE (3 PLACES) AND TRANSFER TO NEW BACK ASSEMBLY.
9. INSTALL LAP BELT AND HARNESS (IF APPLICABLE).
10. THE PARTS LIST AND WEIGHT & BALANCE SHOULD BE UPDATED PER DSI 9498.

(INSPECT REMOVED HARDWARE FOR WEAR AND REPLACE AS REQUIRED)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.01.13
CERT. NO.: SH02-33
ISSUE NO.: 1

A	NEW ISSUE.	JPH	10.01.13
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9495	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		INSTL OF REINFORCED BACK FRAME	NTS
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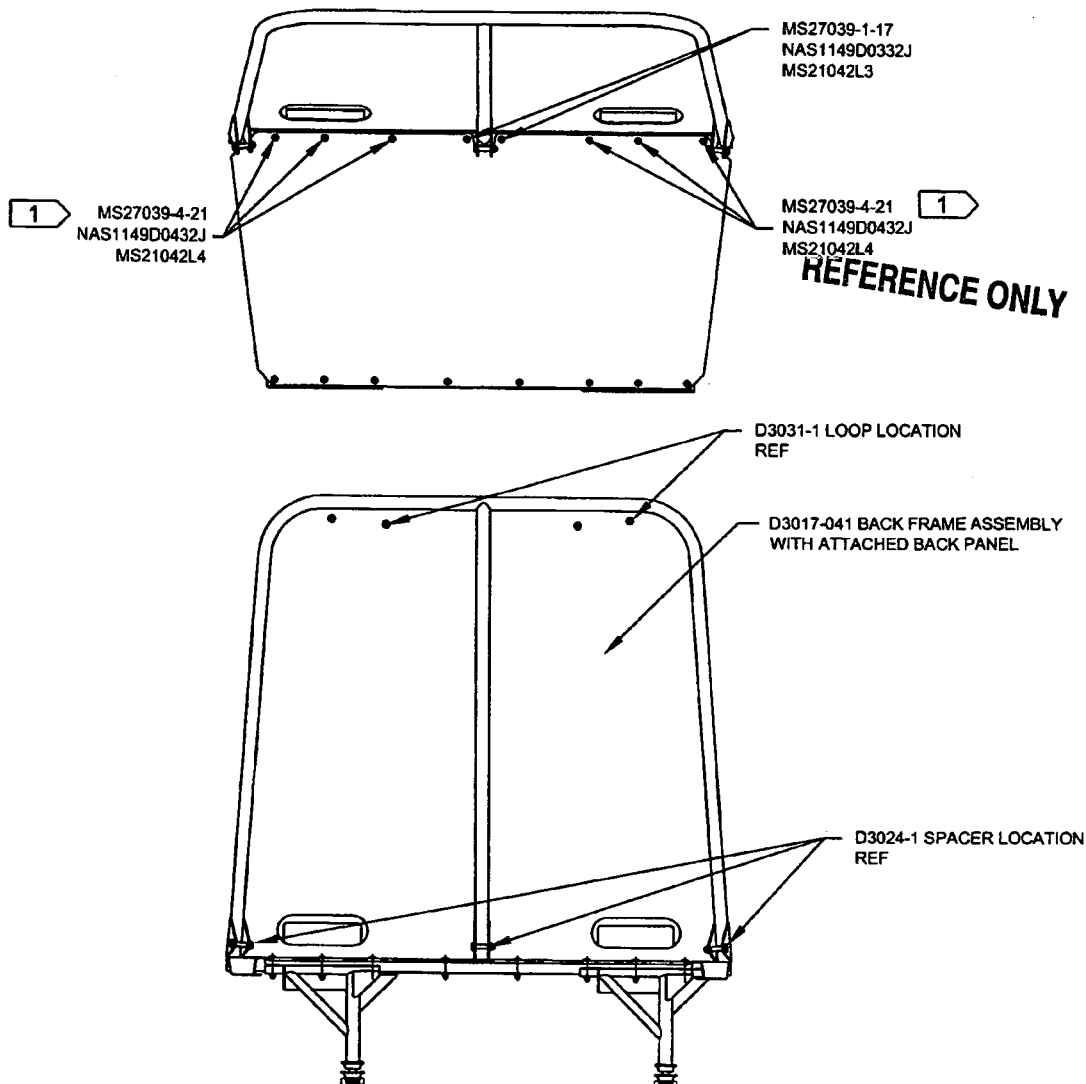


FIGURE 1
DUAL HIGH BACK SEAT ASSEMBLY WITH
DSI9495-011

1 OPEN EXISTING HOLES IN SEAT FRAME ASSEMBLY
TO Ø0.257"

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.01.13
CERT. NO.: SH02-33
ISSUE NO.: 1

DESIGN	1	DART AEROSPACE LTD	
DRAWN	18	HAWKESBURY, ONTARIO, CANADA	
CHECKED	97	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9495	SHEET 2 OF 2
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DE APPR.	TH	INSTL OF REINFORCED BACK FRAME	NTS
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